Message

From: Hamilton, Scott [hamilton.scott@epa.gov]
Sent: 6/13/2018 5:09:23 PM
To: Thoma, Eben [Thoma.Eben@epa.gov]
CC: Secrest, Cary [Secrest.Cary@epa.gov]; Whipple, Wayne [whipple.wayne@epa.gov]; Coughlin, Justin [coughlin.justin@epa.gov]; Fuoco, Marta [fuoco.marta@epa.gov]
Subject: RE: Sorry for confusion on the time
Attachments: Comparison Data.xlsx

This is Justin's comparison data.

Scott Hamilton
Air Monitoring and Analysis Section
Air and Radiation Division
U.S. Environmental Protection Agency
Phone: 312-353-4775

Mailing Address:
USEPA Region 5
Scott Hamilton (AT-18J)
77 W Jackson Blvd
Chicago, IL 60604

-----Original Message-----
From: Thoma, Eben
Sent: Wednesday, June 13, 2018 11:53 AM
To: Hamilton, Scott <hamilton.scott@epa.gov>
Cc: Secrest, Cary <Secrest.Cary@epa.gov>; Whipple, Wayne <whipple.wayne@epa.gov>; Coughlin, Justin <coughlin.justin@epa.gov>
Subject: Re: Sorry for confusion on the time

Oh, and can you resend the Excel file? I thought I saw one attached to the meeting invite but it disappeared when I reject s the invite.

Thanks,

Eben

Sent from my iPhone

> On Jun 13, 2018, at 12:32 PM, Thoma, Eben <Thoma.Eben@epa.gov> wrote:
>
> Sorry, didn't finish thought (at the docs with a tweaked back)
>
> Anyway, if just open the raw spectra in with out background subtraction it may be hard to see the benzene spectral features. You can try do background sub in excell but you will need two spectra relatively closes in time (with and withou benzene, ratio then.
>
> In general it would be good to have the benzene reference spectra from the DUVAS a couple of the cal spectra (100ppb) a couple field spectra near the same level as the cal (100ppb) and then an assortment of the higher reading spectra to compare.
>
> Eben
>
> Sent from my iPhone
>
>> On Jun 13, 2018, at 12:22 PM, Thoma, Eben <Thoma.Eben@epa.gov> wrote:
>>
>> Thanks Scott.
>>
>> First off ideally you want the use the DUVAS software to reprocess the data so you can see resultant absorbable spectra. I can't recall how to do that exactly but should be possible. Do you have the DUVAS software installed on your desk pc (with the dongle)? If not, I can see how that would be harder to due from the field unit.
>>
>>
>>
>> Sent from my iPhone
>>

>>> On Jun 13, 2018, at 12:15 PM, Hamilton, Scott <hamilton.scott@epa.gov> wrote:
>>>
>>> No problem at all.
>>>
>>> I can plot them in excel but I'm still not too sure what I am looking for as far as differences between the two (calibration gas versus field measurement) plots.
>>>
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>>> -----Original Message-----
>>> From: Thoma, Eben
>>> Sent: Wednesday, June 13, 2018 11:09 AM
>>> To: Hamilton, Scott <hamilton.scott@epa.gov>
>>> Cc: Secrest, Cary <Secrest.Cary@epa.gov>
>>> Subject: Sorry for confusion on the time
>>>
>>> Scott, sorry I can't make the call tomorrow at 10:00 am. As suggested, I would pick-out several spectra to take a look at the benzene spectral signal in comparison to he cal signal.
>>>
>>> Cary, it I have been a while since I used the DUVAS. And don't have the software installed. Is it easy to read in and process fields spectra and set the background file?
>>>
>>> Just suggesting a reality check on a range of the spectra.
>>>
>>> Thanks,
>>>
>>> Eben
>>>
>>> Sent from my iPhone